

Abstract

A miter saw includes a base, a table, a support housing connected to the table, at least one rail slidably connected to the support housing, a trunnion disposed on the at least one rail, a saw assembly pivotally attached to the trunnion and movable between a front position and a rear position, the saw assembly comprising a motor and a blade driven by the motor, and a return mechanism disposed on one of the trunnion and the support housing for returning the saw assembly to the rear position. The return mechanism may include a spool, a cable disposed on the spool, and a spring for biasing the spool to a first rotational position, the cable being connected to the other of the trunnion and the support housing.